



BOARD OF DIRECTORS  
CLIMATE PROTECTION COMMITTEE  
COMMITTEE MEMBERS

BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

TERESA BARRETT – CHAIR  
MARGARET ABE-KOGA  
SCOTT HAGGERTY  
KATIE RICE  
BRAD WAGENKNECHT

ROD SINKS - VICE CHAIR  
JOHN GIOIA  
DAVID HUDSON  
MARK ROSS

**THURSDAY  
MAY 18, 2017  
9:30 A.M.**

**1<sup>ST</sup> FLOOR BOARD ROOM  
375 BEALE STREET  
SAN FRANCISCO, CA 94105**

**AGENDA**

**1. CALL TO ORDER - ROLL CALL – PLEDGE OF ALLEGIANCE**

*The Committee Chair shall call the meeting to order and the Clerk of the Boards shall take roll of the Committee members. The Committee Chair shall lead the Pledge of Allegiance.*

**2. PUBLIC COMMENT ON NON-AGENDA MATTERS**

*(Public Comment on Non-Agenda Items Pursuant to Government Code § 54954.3) Members of the public are afforded the opportunity to speak on any agenda item. All agendas for regular meetings are posted at Air District headquarters, 375 Beale Street, San Francisco, CA, at least 72 hours in advance of a regular meeting. At the beginning of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the Committee's subject matter jurisdiction. Speakers will be limited to three (3) minutes each.*

*This meeting will be webcast. To see the webcast, please visit <http://www.baaqmd.gov/about-the-air-district/board-of-directors/resolutionsagendasminutes> at the time of the meeting.*

**Staff/Phone (415) 749-**

**3. APPROVAL OF THE MINUTES OF MARCH 22, 2017**

**Clerk of the Boards/5073**

*The Committee will consider approving the draft minutes of the Climate Protection Committee meeting of March 22, 2017.*

4. **STATEWIDE SCOPING PLAN UPDATE**

**J. Roggenkamp/4646**  
[jroggenkamp@baaqmd.gov](mailto:jroggenkamp@baaqmd.gov)

*Air Resources Board (ARB) staff will describe the Proposed Scoping Plan Update to the Committee.*

5. **PLAN BAY AREA 2040**

**J. Roggenkamp/4646**  
[jroggenkamp@baaqmd.gov](mailto:jroggenkamp@baaqmd.gov)

*Metropolitan Transportation Commission (MTC) staff will brief the Committee on the status of the update to Plan Bay Area.*

6. **IMPLEMENTATION OF THE 2017 CLEAN AIR PLAN**

**J. Roggenkamp/4646**  
[jroggenkamp@baaqmd.gov](mailto:jroggenkamp@baaqmd.gov)

*Staff will brief the Committee on preliminary strategies for implementing the 2017 Clean Air Plan: Spare the Air, Cool the Climate*

7. **COMMITTEE MEMBER COMMENTS / OTHER BUSINESS**

*Any member of the Board, or its staff, on his or her own initiative or in response to questions posed by the public, may: ask a question for clarification, make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter or take action to direct staff to place a matter of business on a future agenda. (Gov't Code § 54954.2)*

8. **TIME AND PLACE OF NEXT MEETING**

*Thursday, July 20, 2017, Bay Area Air Quality Management District Office, 375 Beale Street, San Francisco, California 94105 at 9:30 a.m.*

9. **ADJOURNMENT**

*The Committee meeting shall be adjourned by the Committee Chair.*

## **CONTACT:**

**MANAGER, EXECUTIVE OPERATIONS**  
**375 BEALE STREET, SAN FRANCISCO, CA 94105**  
[mmartinez@baaqmd.gov](mailto:mmartinez@baaqmd.gov)

**(415) 749-5016**  
**FAX: (415) 928-8560**  
**BAAQMD homepage:**  
[www.baaqmd.gov](http://www.baaqmd.gov)

- To submit written comments on an agenda item in advance of the meeting. Please note that all correspondence must be addressed to the “Members of the Climate Protection Committee” and received at least 24 hours prior, excluding weekends and holidays, in order to be presented at that Board meeting. Any correspondence received after that time will be presented to the Board at the following meeting.
- To request, in advance of the meeting, to be placed on the list to testify on an agenda item.
- Any writing relating to an open session item on this Agenda that is distributed to all, or a majority of all, members of the body to which this Agenda relates shall be made available at the District’s offices at 375 Beale Street, Suite 600, San Francisco, CA 94105, at the time such writing is made available to all, or a majority of all, members of that body.

### **Accessibility and Non-Discrimination Policy**

The Bay Area Air Quality Management District (Air District) does not discriminate on the basis of race, national origin, ethnic group identification, ancestry, religion, age, sex, sexual orientation, gender identity, gender expression, color, genetic information, medical condition, or mental or physical disability, or any other attribute or belief protected by law.

It is the Air District’s policy to provide fair and equal access to the benefits of a program or activity administered by Air District. The Air District will not tolerate discrimination against any person(s) seeking to participate in, or receive the benefits of, any program or activity offered or conducted by the Air District. Members of the public who believe they or others were unlawfully denied full and equal access to an Air District program or activity may file a discrimination complaint under this policy. This non-discrimination policy also applies to other people or entities affiliated with Air District, including contractors or grantees that the Air District utilizes to provide benefits and services to members of the public.

Auxiliary aids and services including, for example, qualified interpreters and/or listening devices, to individuals who are deaf or hard of hearing, and to other individuals as necessary to ensure effective communication or an equal opportunity to participate fully in the benefits, activities, programs and services will be provided by the Air District in a timely manner and in such a way as to protect the privacy and independence of the individual. Please contact the Non-Discrimination Coordinator identified below at least three days in advance of a meeting so that arrangements can be made accordingly.

If you believe discrimination has occurred with respect to an Air District program or activity, you may contact the Non-Discrimination Coordinator identified below or visit our website at [www.baaqmd.gov/accessibility](http://www.baaqmd.gov/accessibility) to learn how and where to file a complaint of discrimination.

Questions regarding this Policy should be directed to the Air District’s Non-Discrimination Coordinator, Rex Sanders, at (415) 749-4951 or by email at [rsanders@baaqmd.gov](mailto:rsanders@baaqmd.gov).

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
**375 BEALE STREET, SAN FRANCISCO, CALIFORNIA 94105**  
**FOR QUESTIONS PLEASE CALL (415) 749-5016 or (415) 749-4941**

**EXECUTIVE OFFICE:**  
**MONTHLY CALENDAR OF AIR DISTRICT MEETINGS**

**MAY 2017**

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Legislative Committee</b> <i>(At the Call of the Chair)</i>	Thursday	11	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i> - CANCELLED	Monday	15	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Stationary Source Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i> - CANCELLED	Monday	15	10:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Budget Hearing</b> <i>(At the Call of the Chair)</i>	Wednesday	17	9:45 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	17	Following Budget Hearing	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Climate Protection Committee</b> <i>(Meets on the 3<sup>rd</sup> Thursday of every other Month)</i>	Thursday	18	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i> - CANCELLED	Wednesday	24	9:30 a.m.	1st Floor, Yerba Buena Room #109
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	25	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Special Board of Directors Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	31	9:45 a.m.	1 <sup>st</sup> Floor Board Room

**JUNE 2017**

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Personnel Committee</b> <i>(At call of the Chair)</i>	Friday	2	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i> - CANCELLED	Wednesday	7	9:45 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	19	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Stationary Source Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	19	10:30 a.m.	1 <sup>st</sup> Floor Board Room

## JUNE 2017

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	21	9:45 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	22	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	28	9:30 a.m.	1st Floor, Yerba Buena Room #109
HL – 5/9/17 8:20 a.m.				G/Board/Executive Office/Moncal

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
Memorandum

To: Chairperson Teresa Barrett and Members  
of the Climate Protection Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: May 4, 2017

Re: Approval of the Minutes of March 22, 2017

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RECOMMENDED ACTION

Approve attached draft minutes of the Climate Protection Committee (Committee) meeting of March 22, 2017.

DISCUSSION

Attached for your review and approval are the draft minutes of the Committee meeting of March 22, 2017.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Marcy Hiratzka  
Reviewed by: Maricela Martinez

Attachment 3A: Draft Minutes of the Committee Meeting of March 22, 2017

Draft Minutes – Climate Protection Committee Meeting of March 22, 2017

Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, California 94105  
(415) 749-5073

**DRAFT MINUTES**

Summary of Board of Directors  
Climate Protection Committee Meeting  
Wednesday, March 22, 2017

**1. CALL TO ORDER – ROLL CALL**

Climate Protection Committee (Committee) Vice Chairperson, Rod Sinks, called the meeting to order at 11:00 a.m.

Present: Vice-Chairperson Rod Sinks; and Directors Margaret Abe-Koga, David Hudson, Katie Rice, Mark Ross, and Brad Wagenknecht.

Absent: Chairperson Teresa Barrett.

**2. PUBLIC COMMENT ON NON-AGENDA MATTERS**

Public comments were made by the following speakers:

Janet Stromberg, 350 Bay Area; Keasley Jones, Berkeley resident; Paula Baker, Thousand Oaks Neighborhood Association; Cate Leger, Berkeley resident; Jed Holtzman, 350 Bay Area; Kathy Diehl, 350 Bay Area; Lisa Chang Mason, Alamo resident; and Teresa Hardy, Sierra Club.

Jack Broadbent, Executive Officer/Air Pollution Control Officer, reported that staff presented the District's Draft 2017 Clean Air Plan to the Board of Directors at the Annual Board Retreat on January 18, 2017, to the Advisory Council on February 6, 2017, to the Stationary Source Committee on March 20, 2017, to the Board again on March 15, 2017, and that the Board will consider the Plan's adoption at its April 19, 2017 Board meeting. Mr. Broadbent noted that staff has revised the Plan based upon the many public comments that were received, and that the Final Draft of the Plan will be available in about a week. Staff acknowledged the public's interest in helping shape the plan.

**3. APPROVAL OF THE MINUTES OF NOVEMBER 17, 2017**

Public Comments:

No requests received.

Committee Comments:

None.

Committee Action:

Director Ross made a motion, seconded by Director Rice, to approve the minutes of November 17, 2016; and the motion carried by the following vote of the Committee:

AYES: Abe-Koga, Hudson, Rice, Ross, Sinks, and Wagenknecht.  
NOES: None.  
ABSTAIN: None.  
ABSENT: Barrett, Gioia, and Haggerty.

**4. SAN FRANCISCO PLANNING AND URBAN RESEARCH'S REPORT, "FOSSIL-FREE BAY AREA"**

Jean Roggenkamp, Deputy Executive Officer, introduced Laura Tam, Sustainable Development Policy Director for the San Francisco Planning and Urban Research (SPUR), who gave the presentation *Fossil-Free Bay Area*, including: what can the Bay Area do to end our fossil fuel dependency; three big ideas; global temperature change (1850-2016); reaching the Bay Area's emissions goals requires new policies and programs; cleaner air is a direct local benefit of going fossil-free; California consumes more petroleum than any other energy source; key observations; more than 50% of Bay Area electricity is fossil-free, and about 27% is renewable; rooftop solar is growing exponentially; top sources of Bay Area greenhouse gas (GHG) emissions; California has a very robust climate policy framework; what can the Bay Area do; and solutions.

Public Comments:

Public comments were given by: Greg Karras, Communities for a Better Environment (CBE); Janet Stromberg, 350 Bay Area; and Jed Holtzman, 350 Bay Area.

Committee Comments:

The Committee and staff discussed SPUR's belief that solar should be a consideration for underutilized open public spaces; the energy that is required to pump, move, heat, and treat water; the need to emphasize to the public that the production of fossil fuels would decrease if humans did not create a demand for it; SPUR's assistance in helping implement the District's 2017 Clean Air Plan; the implications that may result if California's existing vehicle emissions standard waiver is revoked, the number of states that also use California's standard, and California's request for a new waiver; the difficulty of increasing energy efficiency in buildings; whether community choice aggregation should pursue carbon-free energy or renewable energy; the amount of energy consumed by plug-in household devices; whether the District's new Technology Implementation Office (TIO) will be involved with decarbonization demonstration projects; and whether the Stationary Source Strategy should include combustion-reduction solutions for small and mid-sized sources.

Committee Action:

None; receive and file.



**5. AIR DISTRICT SUPPORT FOR LOCAL GOVERNMENT CLIMATE PROTECTION ACTIVITIES**

Ms. Roggenkamp introduced Abby Young, Climate Protection Program Manager, who gave the staff presentation *Air District Support for Local Government Climate Protection Activities*, including: background; support climate action plans; grant support; long-term impacts of grants; where we are today; implementing *Spare the Air, Cool the Climate*; looking to the future; and yes, we can.

Public Comments:

Public comments were given by Greg Karras, CBE; and Lisa Chang Mason, Alamo resident.

Committee Comments:

The Committee and staff discussed the necessity for elected officials' dedication to make these efforts successful; the Committee's desire to see the District help coordinate the control measures that are being used in each of the Bay Area counties so that a template exists when a county is ready to implement something for the first time; and the success of California's first community choice aggregation program in Marin County, and how it has set a precedence that many other counties are adopting.

Committee Action:

None; receive and file.

**6. COMMITTEE MEMBER COMMENTS / OTHER BUSINESS**

Vice Chair Sinks announced that Silicon Valley Clean Energy will commemorate its first official day of supplying 100% carbon-free electricity to customers in Silicon Valley. This event will be held on Monday, April 3, 2017, at Cupertino Community Hall at noon.

**7. TIME AND PLACE OF NEXT MEETING**

Thursday, May 18, 2017, Bay Area Air Quality Management District Office, 375 Beale Street, San Francisco, California 94105 at 9:30 a.m.

**8. ADJOURNMENT**

The meeting adjourned at 12:51 a.m.

Marcy Hiratzka  
Clerk of the Boards

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson Teresa Barrett and Members  
of the Climate Protection Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: May 11, 2017

Re: Statewide Scoping Plan Update

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**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

The Statewide Climate Change Scoping Plan (Scoping Plan) describes the framework for California's efforts to reduce emissions of greenhouse gases (GHGs) and protect the climate. The initial Scoping Plan was adopted by the Air Resources Board (ARB) in 2008, in response to AB 32, the Global Warming Solution Act signed into law in 2006. The Scoping Plan must be updated every five years. The first update to the Scoping Plan was approved by the ARB Board in May 2014. In 2016, the Legislature passed SB 32, which codifies a 2030 GHG emissions reduction target of 40 percent below 1990 levels. The Legislature also passed AB 197, companion legislation which provides additional direction for developing the Scoping Plan.

**DISCUSSION**

ARB is moving forward with a second update to the Scoping Plan to reflect the 2030 target codified by SB 32, as well as making significant progress toward the long-term target of reducing GHG emissions 80 percent below 1990 levels pursuant to the Governor's Executive Order S-3-05. ARB released the Proposed Scoping Plan Update in January 2017. Air District staff has followed this process closely and provided comments on the proposed update, and considered Scoping Plan policies and programs in the recently-adopted 2017 Clean Air Plan. The ARB governing board is expected to take action on the Scoping Plan Update in June 2017. ARB staff will describe the Proposed Scoping Plan Update to the Committee.

**BUDGET CONSIDERATION/FINANCIAL IMPACT**

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: David Burch  
Reviewed by: Henry Hilken

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson Teresa Barrett and Members  
of the Climate Protection Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: May 11, 2017

Re: Plan Bay Area 2040

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**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

The Metropolitan Transportation Commission (MTC) and the Association of Bay Area Governments (ABAG) have been working together to update Plan Bay Area (PBA). The two agencies issued the Draft Plan Bay Area 2040 in early April, as a limited and focused update to the initial PBA adopted in 2013. PBA 2040 describes the long-range regional transportation and land use strategy; serves as the region's "sustainable communities strategy" pursuant to Senate Bill 375; and provides a strategy to reduce per-capita greenhouse gases (GHG) emissions from light-duty cars and trucks in order to achieve the State-mandated target for the Bay Area. MTC and ABAG are currently holding a series of nine open houses across the Bay Area to receive public input on the Draft PBA 2040, with adoption of the plan by their governing boards slated for July 2017.

**DISCUSSION**

The Bay Area economy has grown rapidly since 2010, and the region is currently grappling with the impacts of the rapid increase in jobs, on our housing, and transportation sectors. PBA 2040 projects that the Bay Area will continue to experience robust growth over the next several decades, adding 2.4 million new residents and 1.3 million new jobs from 2010 to 2040. While economic growth brings many benefits, it also poses challenges in terms of longer commutes and more traffic congestion, increased emissions of air pollutants and GHGs, displacement of lower-income families from desirable urban neighborhoods, more development pressures in outlying areas. Managing the anticipated growth to address these challenges will be critical to protect the environment and promote social equity.

Since the transportation sector is the largest source of air pollutants and GHGs in the Bay Area, PBA 2040 will play a critical role in achieving our air quality and climate protection goals. Pursuant to the requirements of Senate Bill 375, the plan focuses on reducing per-capita GHG emissions from light-duty vehicles, and providing sufficient housing for all income levels of the

projected regional population. The land use and transportation strategy described in PBA 2040 is based upon directing future growth to “priority development areas” (PDAs) in existing communities that are well-served by existing transportation infrastructure and amenable to transit, biking, and walking. To complement the land use strategy, PBA 2040 also describes a transportation investment strategy for the \$300 billion in revenues anticipated through 2040. The transportation investment strategy focuses on maintenance and modernization to improve the operational efficiency of the existing transit and roadway network.

PBA 2040 also identifies specific programs to improve air quality and protect the climate. To help reduce per-capita GHG emissions from light- and medium-duty vehicles, the plan will direct \$226 million through 2040 to continue and expand successful climate initiatives, including transportation demand management programs, car-sharing, and advanced-technology and low-emission vehicles. In addition, PBA 2040 identifies \$350 million for a Clean Fuels and Impact Reduction program to implement the Freight Emissions Reduction Action Plan. The freight plan was developed by MTC in conjunction with the Air District and other stakeholders as a companion document to PBA 2040.

The land-use policies and transportation investments in PBA 2040 will play an important role in helping to implement the comprehensive set of transportation sector measures described in the Air District’s recently-adopted 2017 Clean Air Plan (2017 CAP). In combination, the 2017 CAP and PBA 2040 provide a roadmap to accommodate growth, while protecting the Bay Area’s environment and quality of life.

MTC staff will describe PBA 2040 and explain how the plan complements the air quality and climate protection strategy described in the 2017 Clean Air Plan.

#### BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: David Burch  
Reviewed by: Henry Hilken

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson Teresa Barrett and Members  
of the Climate Protection Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: May 5, 2017

Re: Implementation of the 2017 Clean Air Plan

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**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

On April 19, 2017, the Board of Directors adopted *Spare the Air – Cool the Climate*, the Air District's 2017 Clean Air Plan (Plan). The Plan serves as an update to the Bay Area's regional air quality plan pursuant to state ozone planning requirements. In addition to ozone precursors, the Plan addresses emissions of other criteria pollutants, toxic air contaminants and greenhouse gases. The Plan proposes an ambitious and comprehensive set of 85 control measures designed to reduce these emissions over the next three to five years.

**DISCUSSION**

The Plan's control strategy includes an aggressive rule-making schedule, as well as many non-regulatory control measures that identify activities the Air District will undertake to achieve GHG and air pollutant emission reductions. Non-regulatory measures include grants and incentives, support for local government activities, outreach and education activities, collaborations with different stakeholder groups, research, etc. Staff will update the Committee on the implementation strategy for the Plan and early actions for which implementation has already begun.

**BUDGET CONSIDERATION/FINANCIAL IMPACT**

Resources to begin implementation of the 2017 Plan have been included in the Fiscal Year Ending (FYE) 2017 and the proposed FYE 2018 budgets.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Abby Young  
Reviewed by: Henry Hilken